

**Product Name :**  
Brushless Dc Motor Trainer

**Product Code :**  
CE107



**Description :**

Brushless Dc Motor Trainer

**Technical Specification :**

**Brushless Dc Motor Trainer**

This product is a complete didactic system for the study of 3 disciplines (DC brushless motor, PLC and Human Machine Interface HMI), important in both industrial and civil sectors. It has been developed as an "open" system; each hardware component is independent from the other ones, allowing the study of each system in autonomous way, connecting other existing equipment of the laboratory.

**Technical Specifications:**

**Brushless DC motor**

Ideal for handling and positioning applications o Variable speed control (PWM) with 4 quadrants o Power supply: 24Vdc o Speed and Current (no load): 4200rpm/0.4A o Speed/torque/current (with load): 3250rpm/0.24Nm/4.8A o Output type: PNP/50mA

**PLC**

LCD display with 4 lines of 18 characters

Power supply: 24Vdc o Inputs: 16 digital (of which 6 can also be analog) o Outputs: 10 solid states/0.5A (of which 4 can also be PWM)

Equipped with multilingual programming software with special functions (Ladder/FBD)

3 operating modes for programming with complete reliability (Editing, Simulation and Monitoring) HMI

Display type: TFT LCD o Display size (diagonal): 4.3"

Max Colors: 65536 o Resolution: 480x272

Touch screen: 4-wire, analog resistive

CPU and core logic: 32Bit RISC 400MHz processor  
DRAM: 64MB DDR2 on board  
I/O: 1 serial port COM1 RS485 and 1 Ethernet Port (10/100 Base•T)  
Power supply: 24Vdc.

## Naugralabequipments

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